

From: [Gray, David](#)
To: [Edlund, Carl](#); [Webster, Susan](#); [Crossland, Ronnie](#); [Petersen, Chris](#); [Bokun, Lisa](#); [Taheri, Diane](#); [Martindale, Cary](#); [Vela, Austin](#); [Palich, Christian](#); [Levine, Carolyn](#)
Subject: FW: ADEQ/EPA Update 12/12/2018 Trafalgar Road Fire
Date: Wednesday, December 12, 2018 7:54:34 PM

From: Gray, David

Sent: Wednesday, December 12, 2018 7:53 PM

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Subject: ADEQ/EPA Update 12/12/2018 Trafalgar Road Fire

Mayor,

On behalf of ADEQ and EPA, I wanted to share this update with you. We are continuing to collect air samples to evaluate the smoke from the fire on Trafalgar Road. I understand today was windy and all of measurements for smoke particulates are within acceptable levels. I should note that two of the particulate samplers (1 on the property and 1 in the community) did not work for the full 24-hours so we don't have data for them. The chemical sampling which relies on a separate instrumentation was not affected. Again, we anticipate having quality assured chemical data by December 21. Our 3-day air sampling effort is coming to an end and we will report our final particulate information to you tomorrow. Our EPA experts will visit the property this week and we will provide ADEQ with recommendations soon.

David

Twenty-four hour monitoring period ending on Wednesday, December 12, 2018

Air Quality Index Cautionary Statements:

Good – No cautionary statement

Moderate – Unusually sensitive people should consider reducing prolonged or heavy exertion

Fires and Your Health (<https://www.epa.gov/pm-pollution/fires-and-your-health>):

When smoke is present:

- If it looks smoky outside, it is a good idea to limit exertion (running, yardwork, playing) during outside activity.
- If you have asthma or other lung disease, you should follow your doctor's directions or asthma management plan
- Run your Heating, Ventilation and Air Conditioning (HVAC) system while keeping your air filter clean
- If you have heart or lung disease, if you are an older adult, or if you have a child, talk with your doctor about whether or when you should leave the area

Air Quality Index (AQI) Calculator (concentration to AQI):

<https://airnow.gov/index.cfm?action=airnow.calculator>

Location	PM2.5 (24 hour average)	AQI	AQI Category
BVF-011 Webb Lane	No reading due to detection failure	--	--
BVF—012 Sutherland Lane	22 µg/m ³	72	Moderate
BVF-013 Site	No reading due to detection failure	--	--
BVF-014 Mary Ann Lane	9 µg/m ³	38	Good

Chemical samplers using Summa canisters were functional and were not impacted.